

Daniel Hettinger

danielhettinger916@gmail.com • +1.217.377.7205 • LinkedIn • GitHub

Studies

08.2020 - 05.2023 **B.Sc. Computer Science & Linguistics**, *University of Illinois at Urbana-Champaign*, Champaign, Illinois
GPA: 3,84 (corresponds to a **1,1** on the German grading scale)

Work Experience

08.2022 - 04.2025 **Software Engineer**, *State Farm*, Bloomington, Illinois

- Lead the development of a system that builds legal contracts for internal employees and facilitates their signing, saving \$211,575 per year in man hours.
- Automated AWS infrastructure provisioning by writing Terraform code, transitioning from a manual process to a documented, repeatable, and scalable solution.
- Developed a modern web application using JavaScript and React, replacing an outdated employee information update form and improving user experience and efficiency.
- Refactored GitLab CI/CD pipeline scripts, reducing the time taken to deploy code from half an hour to two minutes, significantly accelerating development cycles.
- Created and maintained a team documentation site with technical guides and instructions for internal consumers of our services.
- Trained and mentored a new hire, offering guidance on best practices, technical support, and assistance, helping them quickly integrate and contribute to projects.

Internships

05.2022 - 08.2022 **Software Engineer**, *State Farm*, Champaign, Illinois

- Familiarized myself with the code base of software purchased by the department from a third-party vendor.
- Worked with software stakeholders to define the requirements for several new UI features.
- Built several new UI features using React.

08.2021 - 05.2022 **Teaching Assistant (Data structures & algorithms)**, *University of Illinois at Urbana-Champaign*, Champaign, Illinois

- Held office hours, helping students solidify their understanding of the topics covered in class.
- Led a lab section of thirty students each week teaching topics not discussed in lecture.
- Worked with the professor to develop new assignments and course material.

08.2021 - 05.2022 **Teaching Assistant (Software engineering laboratory)**, *University of Illinois at Urbana-Champaign*, Champaign, Illinois

- Led a group of 3-4 students each semester.
- Reviewed and graded student projects.
- Taught students software development best practices, including framework selection, code review, documentation, appropriate library usage, project management, continuous integration and testing, and teamwork.

Skills

Languages

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|---------|--------------|
| English | Native |
| German | Intermediate |

Goethe Zertifikat B1

Technical

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| Languages | Javascript, Python, C, HCL, HTML/CSS, SQL |
| Technologies | AWS, Terraform, React.js, Material UI, Vite, Postman, Selenium, Git, GitLab CI/CD, Linux |